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December 3, 2001

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Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

New U.S. Patent Application

Title: CURVILINEAR VALVE PIN CONTROLLER FOR
INJECTION MOLDING

Inventors: Mark DOYLE and Vito GALATI

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 52 pages, including 2 independent claims and 19 claims total.
2. Drawings- 41 sheets of drawings (Figures 1 - 40).
3. The filing fee is calculated as follows:

12/03/01
J1129 U.S. PTO
10/006504
WASHINGTON
205-4000
ATLANTA
404-653-6400
PALO ALTO
650-849-6600

JCESS U.S. PTO
10/006504
12/03/01

TOKYO
011-813-3431-6943

BRUSSELS
011-322-646-0353

12/03/01
J1129 U.S. PTO
10/006504
WASHINGTON
205-4000
ATLANTA
404-653-6400
PALO ALTO
650-849-6600

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December 3, 2001
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Basic Application Filing Fee					\$740	\$ 740.00
	Number of Claims		Basic	Extra Claims		
Total Claims	19	-	20		x \$18	
Independent Claims	2	-	3		x \$84	
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$270	
Subtotal						\$ 740.00
Reduction by 1/2 if small entity						-
TOTAL APPLICATION FILING FEE						\$ 740.00

No check is enclosed. Please charge deposit account 06-0916 in the amount of \$740.00.

This application is a continuation-in-part of and claims the benefit of priority under 35 USC § 120 to U.S. patent application serial nos. 09/400,533 filed September 21, 1999 and PCT/US00/25861 filed September 21, 2000 and 09/503,832 filed February 15, 2000 and PCT/US01/04674 filed February 13, 2001 and 09/656,846 filed September 7, 2000.

This application also claims the benefit of priority under 35 U.S.C. §§119 and 120 to U.S. Provisional Application Serial No. 60/250,723 filed December 1, 2000 and US Provisional Application Serial no. 60/257,274 filed December 21, 2000 and U.S. Provisional Application Serial No. 60/277,023 filed March 19, 2001.

Please address all correspondence with respect to this application to:

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Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

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December 3, 2001
Page 3

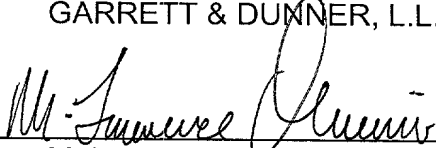
Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional fees due and any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:


M. Lawrence Oliverio
Reg. No. 30,915

LMO/jwc
Enclosures

**CERTIFICATE UNDER 37 CFR § 1.10 OF
MAILING BY "EXPRESS MAIL"**

ET287714683US

USPS Express Mail Label Number

December 3, 2001

Date of Deposit

I hereby certify that this correspondence is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By:



M. Lawrence Oliverio

Note: Each paper must have its own certificate by "Express Mail."

10/01 01/02 02/03 03/04 04/05 05/06 06/07 07/08 08/09 09/10 10/11 11/12 12/13 13/14 14/15 15/16 16/17 17/18 18/19 19/20 20/21 21/22 22/23 23/24 24/25 25/26 26/27 27/28 28/29 29/30 30/31 31/32 32/33 33/34 34/35 35/36 36/37 37/38 38/39 39/40 40/41 41/42 42/43 43/44 44/45 45/46 46/47 47/48 48/49 49/50 50/51 51/52 52/53 53/54 54/55 55/56 56/57 57/58 58/59 59/60 60/61 61/62 62/63 63/64 64/65 65/66 66/67 67/68 68/69 69/70 70/71 71/72 72/73 73/74 74/75 75/76 76/77 77/78 78/79 79/80 80/81 81/82 82/83 83/84 84/85 85/86 86/87 87/88 88/89 89/90 90/91 91/92 92/93 93/94 94/95 95/96 96/97 97/98 98/99 99/100 100/101 101/102 102/103 103/104 104/105 105/106 106/107 107/108 108/109 109/110 110/111 111/112 112/113 113/114 114/115 115/116 116/117 117/118 118/119 119/120 120/121 121/122 122/123 123/124 124/125 125/126 126/127 127/128 128/129 129/130 130/131 131/132 132/133 133/134 134/135 135/136 136/137 137/138 138/139 139/140 140/141 141/142 142/143 143/144 144/145 145/146 146/147 147/148 148/149 149/150 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